

Title (en)
Fuel injector

Title (de)
Brennstoffeinspritzventil

Title (fr)
Soupape d'injection de carburant

Publication
EP 1820960 B1 20101103 (DE)

Application
EP 07100009 A 20070102

Priority
DE 102006006889 A 20060215

Abstract (en)
[origin: EP1820960A2] The valve (1) has a piezoelectric actuator (2) arranged in a valve housing. A valve closing body (15) is actuated by the actuator using a valve needle. Insulation (37) is provided for electrically insulating and enclosing the actuator and designed as a thermally conducting insulation. The insulation has supporting units (38, 39) which extend with respect to an axis (45) of the valve housing in an axial direction. The supporting units support the actuator (2) in a radial direction against an inner wall (49) of the valve housing.

IPC 8 full level
F02M 51/06 (2006.01)

CPC (source: EP)
F02M 51/0603 (2013.01); **F02M 2200/707** (2013.01)

Cited by
WO2009098100A1

Designated contracting state (EPC)
DE ES FR IT

DOCDB simple family (publication)
EP 1820960 A2 20070822; EP 1820960 A3 20090304; EP 1820960 B1 20101103; DE 102006006889 A1 20070823;
DE 502007005510 D1 20101216; ES 2355077 T3 20110322

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